

October 6, 2004

Mr. William O'Connor, Jr.  
Vice President  
Nuclear Generation  
Detroit Edison Company  
6400 North Dixie Highway  
Newport, MI 48166

SUBJECT: FERMI POWER PLANT, UNIT 2  
INFORMATION REQUEST FOR AN NRC BASELINE INSERVICE INSPECTION  
REPORT 05000341/2004008(DRS)

Dear Mr. O'Connor:

On November 8, 2004, the NRC will begin the baseline inservice inspection (NRC Procedure 71111.08) at the Fermi Power Plant, Unit 2. The on-site inspection is scheduled to be performed November 8 through November 12, 2004.

Experience has shown that this inspection is resource intensive, both for the NRC inspectors and your staff. In order to minimize the impact to your on-site resources and to ensure a productive inspection for both parties, we have enclosed a request for documents needed for the inspection. These documents have been divided into two groups. The first group identifies information required in advance and necessary to ensure that the inspector is adequately prepared for the inspection. The second group identifies the information that the inspector will need upon arrival at the site. It is important that all of these documents are up-to-date and complete in order to minimize the number of additional documents requested during the preparation and/or the on-site portion of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Mr. J. Pendergast of your organization. If there are any questions about this inspection or the material requested, please contact the inspector, Mr. Tom Bilik, at (630) 829-9744 or via email at [txb@nrc.gov](mailto:txb@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public

W. O'Connor

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Sincerely,

***/RA/***

David E. Hills, Chief  
Materials Engineering Branch  
Division of Reactor Safety

Docket No. 50-341  
License No. NPF-43

Enclosure: INSERVICE INSPECTION DOCUMENT REQUEST

cc w/encl: N. Peterson, Manager, Nuclear Licensing  
D. Pettinari, Corporate Legal Department  
Compliance Supervisor  
G. White, Michigan Public Service Commission  
L. Brandon, Michigan Department of Environmental Quality  
Monroe County, Emergency Management Division  
Planning Manager, Emergency Management Division  
MI Department of State Police

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D. Pettinari, Corporate Legal Department  
Compliance Supervisor  
G. White, Michigan Public Service Commission  
L. Brandon, Michigan Department of Environmental Quality  
Monroe County, Emergency Management Division  
Planning Manager, Emergency Management Division  
MI Department of State Police

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## INSERVICE INSPECTION DOCUMENT REQUEST

**Inspection Report:** 341/2004008

**Inspection Dates:** November 8 - November 12, 2004

**Inspection Procedures:** IP 71111-08, "Inservice Inspection"

**Lead Inspector:** Tom Bilik  
(630) 829-9744

### ***I. Information Requested for the In-Office Preparation Week***

The following information (electronic copy if practicable - [txb@nrc.gov](mailto:txb@nrc.gov)) is requested by November 1, 2004, or sooner, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The team will select specific items from the information requested below and request a list of additional documents needed on-site from your staff. We request that the specific items selected from these lists be available and ready for review on the first day of inspection. All information requests relate to Unit 2 unless otherwise stated. If you have any questions regarding this information, please call the inspector as soon as possible.

- 1) A detailed schedule of nondestructive examinations planned for Class 1 and 2 systems and containment, performed as part of your ASME Code ISI Program during the scheduled inspection week. This should also include any special nondestructive examinations of core internal components such as the core shroud welds.
- 2) A copy of the NDE procedures used to perform the examinations identified in I.1. For ultrasonic examination procedures qualified in accordance with Appendix VIII, of Section XI of the ASME Code, provide documentation supporting the procedure qualification. This documentation should include the test data identifying the types of defects used in the procedure qualification, the equipment used (cables, probes, transducers including serial numbers) and the Code Edition used for qualification. Additionally, the data supporting the detection and sizing capability of the procedure is to be provided.
- 3) A copy of any ASME Section XI, Code Relief Requests applicable to the examinations identified in I.1.
- 4) A copy of the 90 day ISI summary report from the previous outage.
- 5) A list identifying nondestructive examination reports (ultrasonic, radiography, magnetic particle, dye penetrant, visual (VT-1, VT-2, VT-3)) which have identified relevant indications on Code Class 1 and 2 systems in the past two refueling outages. Also provide records accepting any relevant indications for continued service.

## **INSERVICE INSPECTION DOCUMENT REQUEST**

- 6) List with short description of the welds in Code Class 1 and 2 systems which have been completed since the beginning of the last refueling outage and identify system, weld number and reference applicable documentation.
- 7) Identify any non-code repairs (if any) performed on Code Class 1,2, or 3 systems within the last two refueling outages.
- 8) Provide a list with description of ISI related issues entered into your corrective action system beginning with the date of the last refueling outage.
- 9) Provide a copy of any Part 21 reports submitted beginning with the date of the last refueling outage.
- 10) Copy of responses to NRC Generic Letter 94-03: INTERGRANULAR STRESS CORROSION CRACKING OF CORE SHROUDS IN BOILING WATER REACTORS and core shroud weld examination schedule.

### **II. Information to be provided on-site to the inspector at the entrance meeting:**

- 1) Updated schedule for item I.1.
- 2) For welds selected by the inspector from I.6 above, provide copies of the following documents:
  - a) Document of the weld number and location (e.g., system, train, branch);
  - b) Document with a detail of the weld construction;
  - c) Applicable Code Edition and Addenda for weldment;
  - d) Applicable Code Edition and Addenda for welding procedures;
  - e) Applicable weld procedures (WPS) used to fabricate the welds;
  - f) Copies of procedure qualification records (PQRs) supporting the WPS on selected welds;
  - g) Copies of mechanical test reports identified in the PQRs above;
  - h) Copies of the nonconformance reports for the selected welds; and
  - i) Radiographs of the selected welds and access to equipment to allow viewing radiographs.
- 3) For the repair/replacement activities selected by the inspector provide a copy of the records of the repair or replacement required by the ASME Code Section XI Articles IWA - 4000 or IWA 7000.
- 4) Copy of the most recent quality assurance department audit, which included the ISI program and activities. Copies of documents resolving findings in this audit.
- 5) For core shroud welds examined within the previous two refueling outages, provide the non-destructive examination records for the core shroud welds inspected.

## INSERVICE INSPECTION DOCUMENT REQUEST

- 6) Ready access to the Editions of the ASME Code (Sections V, IX and XI) applicable to the inservice inspection program and the repair/replacement program.

### ***III. Information Requested to be provided throughout the inspection***

- (1) Copies of any corrective action documents generated as a result of the team's questions or queries during this inspection.
- (2) Copy of the list of questions submitted by inspector and the status/resolution of the information requested provided daily.

If you have questions regarding the information requested, please contact the lead inspector.